

Melvin Krau

Name

Signature

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Attorney Docket No. 389.42958X00 UTILITY First Inventor PATENT APPLICATION KONDO, YOSHIHIRO TRANSMITTAL Title **ELECTRONIC EQUIPMENT** (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. **APPLICATION ELEMENTS** Assistant Commissioner for Patents Box Patent Application ADDRESS TO: Washington, DC 20231 SEE MPEP chapter 600 concerning utility patent application contents 1. 🛛 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission 2 | Applicant claims small entity status. fif applicable, all necessary) See 37 CFR 1.27. a. Computer Readable Form (CRF) b. Specification Sequence Listing on: з. 🔯 [Total Pages: 49] Specification i. D CD-ROM or CD-R (2 copies); or -Descriptive title of the invention -Cross Reference to Related Applications ii. . D paper -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, c. Statements verifying identity of above copies or a computer program listing appendix -Background of the Invention ACCOMPANYING APPLICATION PARTS -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description Assignment Papers (cover sheet & documents(s)) -Abstract of the Disclosure 37 CFR 3.73(b) Statement Power of Attorney $_{4}$ \boxtimes (when there is an assignee) Drawing(s) (35 U.S.C. 113) [Total Pages: 17] English Translation Document (if applicable) 5. Oath or Declaration [Total Pages: 6] Information Disclosure Copies of IDS Citations Newly executed (original or copy) Statement (IDS)/PTO-1449 Copy from a prior application (37 CFR 1.63 (d)) **Preliminary Amendment** (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) i. DELETION OF INVENTOR(S) Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 Application Data Sheet. See 37 CFR 1.76 or its equivalent. Other: Figs. 1-22, Credit Card Payment Form 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation ☐ Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner: _ Group Art Unit: , For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 020457 Customer Number or Bar Code Label or Correspondence address below (Insert Customer No. or Attach bar code label here) ANTONELLI, TERRY, STOUT & KRAUS, LLP Name Address City State Country Telephone Fax (703) 312-6600 (703) 312-6666

Registration No. (Attorney/Agent)

22,466

Date

July 18, 2003

07/18/2003

Date

Signature

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL			Complete if Known				
			Application Number				
for EV 2002	Filing Date				July 18, 2003	<u></u>	
for FY 2003		First Named Inventor				ण	
Effective 01/01/2003. Patent fees are subject to annual revision.			er Nan		, , , , , , , , , , , , , , , , , , , ,	_	
	Art Unit					0	
Applicant claims small entity status. See 37 CFR 1.27	\rightarrow						
TOTAL AMOUNT OF PAYMENT (\$) 1,714.00	Attorney D			et No.	389.42958X00		
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)			E CALCULATION (continued)		
☐ Check ☑ Credit Card ☐ Money Order ☐ Other ☐ None	3. /	ADDITIO	NAL I	FEES Smali			
☑ Deposit Account:	L	Large Entity	_	Entity			
Deposit Account Number 01-2135	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP					•		
The Commissioner authorized to: (check all that apply)	1051	130	2051	65	Surcharge – late filing fee or oath		
☐ Charge fees indicated below ☐ Credit any overpayments	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet		
Charge any additional fee(s) during the pendency of this application	1053	130	1053	130	Non-English specification		
Charge fees indicated below, except for the filing fee	1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
to the above-identified deposit account.	1804	920°	1804	920*	Requesting publication of SIR prior to		
FEE CALCULATION	1805	1,840*	1805	1 840	Examination action *Requesting publication of SIR after		
1. BASIC FILING FEE	1	1,040	1000	1,040	Examiner action		
Large Entity Small Entity Fee Fee Fee Fee Description Fee Daid	1251	110	2251	55	Extension for reply within first month		
Code (\$) Code (\$)	1252	410	2252	205	Extension for reply within second month		
1001 750 2001 375 Utility filing fee 750.00	1253	930	2253	465	Extension for reply within third month		
1002 330 2002 165 Design filing fee	1254	1,450	2254	725	Extension for reply within fourth month		
1003 520 2003 260 Plant filing fee	1255	1,970	2255	985	Extension for reply within fifth month		
1004 750 2004 375 Reissue filing fee	1401	320	2401	160	Notice of Appeal		
1005 160 2005 80 Provisional filing fee	1402	320	2402	160	Filing a brief in support of an appeal		
SURTOTAL (1) 750.00	1403	280	2403	140	Request for oral hearing		
OODTOTAL (1)	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1452	110	2452	55	Petition to revive – unavoidable		
Fee from Extra Claims below Fee Paid	1453	1,300	2453	650	Petition to revive – unintentional		
Total Claims 34 -20** = 14 x 18 = 252.00	1501	1,300	2501	650	Utility issue fee (or reissue)		
Indep. 11 -3** = 8 x 84 = 672.00	1502	470	2502	235	Design issue fee		
Claims	1503	630	2503	315	Plant issue fee		
Multiple Dependent 280 = 0.00	1406	130	1460	130	Petitions to the Commissioner		
	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity	1806	180	1806	180	Submission of Information Disclosure Stmt		
Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00	
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a submission after final rejection	40.00	
1201 84 2201 42 Independent claims in excess of 3	4040	750			(37 ČFR § 1.129(a))		
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))		
1204 84 2204 42 ** Reissue independent claims over original patent	1801		2801		Request for Continued Examination (RCE)		
	1802	900	1802	900	Request for expedited examination of a design application		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		Other fee (specify)					
SUBTOTAL (2) \$ 924.00		(500	,/				
**or number previously paid, if greater: For Reissues, see above			Basic Fili	ina Foc	Paid SUBTOTAL (3) (\$)	40.00	
CHRAITTEN BY	uced by E	asic Fili	ng ree		70.00		
SUBMITTED BY Complete (if applicable) Registration No.							
		rauon no		1	22.466 Telephone 703.312	6600	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.